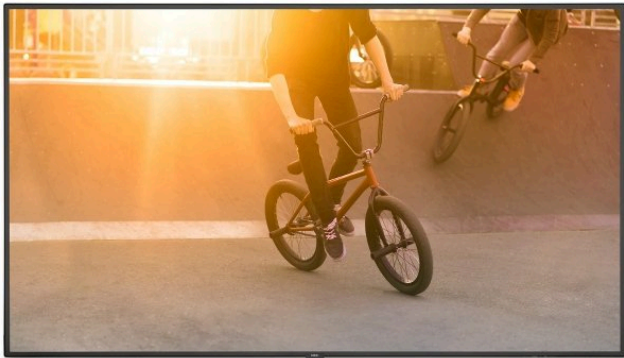


NEC MultiSync® P754Q  
LCD 75" Professional Large Format Display

## Datasheet



### The Definition of Digital Signage

Modular and scalable, NEC's MultiSync® P754Q display brings powerful capability for best-in-class large screen visualisation. Deliver your message with impact and seamless simplicity for the most convincing results.

Stunning UHD "pixel-free" ergonomic viewing is smartly merged with reliable colour reproduction for the most realistic and thrilling images with expanded contrast ratios. Compelling readability even in bright ambient light conditions is guaranteed with high brightness levels of 650 cd/m<sup>2</sup> combined with an anti-glare surface. Its modern, slim design forms an elegant digital surface which perfectly complements the surrounding architecture and integrates seamlessly into any environment. The Open Modular Intelligence (OMi) approach provides tailor-made signage solutions, where scalable computing power such as Raspberry Pi compute modules or OPS Slot-in PCs are seamlessly embedded into the display.

The 75" MultiSync® P754Q is the ultimate expansive choice for large visual surfaces in bright retail environments, passenger information and other public spaces as well as for colour critical reference applications in science, media and control rooms.

### Benefits

**Superb readability in bright light environments** - crisp playback of content thanks to high brightness output of 650 cd/m<sup>2</sup> and anti-reflective screen surface delivers clearly visible messages even under varying and demanding ambient conditions.

**Mission-critical 24/7 ready operation** - the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

**Future-proof signal connectivity and processing** - numerous native UHD resolution inputs with 60Hz refresh rate including DisplayPort, HDMI and an option slot for OPS Slot-in PCs, plus automatic upscaling to UHD for other signals, provide "pixel-free viewing" on a large scale.

**Future Ready with Open Modular Intelligence Expansion** - upgrade the power of your display at any time by seamlessly integrating one of NEC's options for OPS Slot-in PCs, Raspberry Pi compute modules or signal interfaces for content feed and computing.

**Enhanced imaging performance** - advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the SpectraView Engine for precise, natural images.

## Product Information

Product Name	NEC MultiSync® P754Q
Product Group	LCD 75" Professional Large Format Display
Order Code	P754Q

## Display

Panel Technology	IPS with Edge LED backlights
Active Screen Area (W x H) [mm]	1,649.7 x 927.9
Screen Size [inch/cm]	75 / 189
Brightness [cd/m <sup>2</sup> ]	650, 450 (shipment setting)
Contrast Ratio (typ.)	1200:1
Viewing Angle [°]	178 / 178 (at contrast ratio > 10:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	Pro (28)
Supported Orientation	Face Down; Face Up <sup>1</sup> ; Landscape; Portrait

## Resolution

Native Resolution	3840 x 2160
Supported Resolutions	1920 x 1080; 1920 x 2160; 3840 x 2160; 4096 x 2160

## Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	24 - 85

## Connectivity

Input Video Digital	2 x DisplayPort (with HDCP); 3 x HDMI (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	2 x DisplayPort; 3 x HDMI
Input Control	1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232
Input Data	1 x microSD (MediaPlayer); 1 x USB 2.0 (Downstream); 1 x USB 2.0 (MediaPlayer); 1 x USB Type-B (Upstream); 2 x USB 2.0 (Compute Module, 1 x 5V/2A powered)
Output Video Digital	1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC)
Output Audio Analogue	1 x 3,5 mm jack
Output Control	1 x LAN 100Mbit

## Open Modular Intelligence

OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)
OPS Max. Current / Power Consumption [A / W]	4.7 / 75
Compute Module Slot	Slot Technology: Compute Module 3 Slot (NEC proprietary standard)

## Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
NFC Sensor	Integrated, 2cm range, free NEC Android App required

## Electrical

Power Consumption [W]	195 shipping; 250 (max.)
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS

## Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

## Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,681 x 960 x 71
Weight [kg]	53
Bezel Width [mm]	14.8 (left and right); 14.8 (top and bottom)
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); 600 x 400 (FDMI); M8
Ingress Protection	IP5x (front); IP2x (back)
Packaging Dimensions (W x H x D) [mm]	1,830 x 1,190 x 280
Packaging Weight [kg]	65.5
Colour Bezel	Pantone 426M (black)
Material	Metal

## MediaPlayer

Supported File Storage / File System	MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000
Supported Video Formats	MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling

## Available Options

Accessories	Feet (ST-801); Speaker (SP-754QSM, SP-TF1);
Compute Module Slot	NEC Compute Module; Raspberry Pi Compute Module 1 and 3
OPS Slot	HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C Quad 3G SDI

## Green Features

Energy Efficiency	Ambient light sensor; Carbon savings meter; ECOMode; Energy consumption: 165 kWh/1000h Energy efficiency class: G; Local dimming
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## Additional Features

Special Characteristics	12-bit Look Up table; Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Cisco Webex Kit compatible; Crestron Connected Support; DICOM Simulation; Display Browser Control; Emergency Notification; HDMI with UHD at 60 Hz; HDR Gamma Support (HLG, PQ); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PIN as theft protection; PJLink Support; Powered USB-Port; Removable Logo; Scheduler; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function
Colour Versions	optional coloured overframes

Safety and Ergonomics	CE; EAC; EMC Class B; FCC; SASO; TÜV GS; UL/C-UL or CSA; VCCI
Pixel Failure Class	ISO 9241-307, Class 1
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Remote Control; USB cable
Warranty	3 years conditional warranty, NEC DS Care available;
Operating Hours	24/7

<sup>1</sup> adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support



CE



TÜV GS



VCCI

## For more information:

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